



# Magic™ Rabbit Anti-Whitlow 218 linker monoclonal antibody, clone F4 [AF647] (DMABB-JX394)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Specificity</b>	Reacts with cell surface expressed CARs of varying specificity, which contain a Whitlow/218 linker within the scFv of the extracellular domain.
<b>Immunogen</b>	Synthetic peptide corresponding to residues of the Whitlow/218 linker peptide
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	N/A
<b>Clone</b>	F4
<b>Conjugate</b>	Alexa Fluor 647
<b>Applications</b>	FC 1:100 - 1:400; WB 1:10 Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.
<b>Format</b>	Purified, Liquid
<b>Concentration</b>	Lot specific
<b>Size</b>	100 µl, 300 µl
<b>Buffer</b>	10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 µg/mL BSA, 50% glycerol, 0.02% sodium azide

**Preservative** 0.02% sodium azide

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**Storage** Store at -20°C. Avoid freeze / thaw cycles.

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## BACKGROUND

**Introduction** The Whitlow/218 peptide is a commonly used linker that connects the variable heavy (VH) domain and variable light (VL) domain of single-chain variable fragments (scFvs) and chimeric antigen receptors (CARs) that utilize an extracellular domain scFv for target antigen recognition. The Whitlow/218 linker affords the scFv with enhanced resistance to proteolysis and aggregation

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**Keywords** Whitlow/218 peptide; Whitlow/218 linker; Whitlow 218 linker

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